

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/519,539A
Source: 1FW/b
Date Processed by STIC: 3/8/07

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 03/08/2007

PATENT APPLICATION: US/10/519,539A

TIME: 14:54:46

Input Set : A:\85449158.APP

Output Set: N:\CRF4\03082007\J519539A.raw

3 <110> APPLICANT: BUTZ, KARIN
 4 HOPPE-SEYLER, FELIX
 5 CRNKOVIC-MERTENS, IRENA
 6 RAUSCH, CHRISTIAN
 8 <120> TITLE OF INVENTION: PEPTIDES FOR INDUCING APOPTOSIS IN TUMOR CELLS
 10 <130> FILE REFERENCE: 085449-0158
 12 <140> CURRENT APPLICATION NUMBER: 10/519,539A
 13 <141> CURRENT FILING DATE: 2005-03-15
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/06958
 16 <151> PRIOR FILING DATE: 2003-07-01
 18 <150> PRIOR APPLICATION NUMBER: EP 02014074.5
 19 <151> PRIOR FILING DATE: 2002-07-01
 21 <160> NUMBER OF SEQ ID NOS: 133
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 20
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 32 peptide
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 36 1 5 10 15
 39 Leu Gly Val Pro
 40 20
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 49 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 54 1 5 10 15
 57 Pro Phe Trp Cys
 58 20
 61 <210> SEQ ID NO: 3
 62 <211> LENGTH: 31
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:

see p. 6

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67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
68     peptide
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71 Met Tyr Ser Asn Val Ser Val Asp Val Ala Ala Asp Gly Val Ser Cys
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75 Val Cys Cys Ser Trp Ser Val Gln Asn Asp Arg Pro Asp Ser Gly
76     20             25             30
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80 <211> LENGTH: 20
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
86     peptide
88 <400> SEQUENCE: 4
89 Tyr Lys Trp Arg Met Gly Val Tyr Leu Ser Gly Val Arg Leu Met Arg
90 1             5             10             15
93 Ala Phe Ile Ile
94     20
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 20
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
104     peptide
106 <400> SEQUENCE: 5
107 Val Ser Tyr Arg Thr Cys Thr Ala Gly Gly Gln Met Ser Arg Trp Arg
108 1             5             10             15
111 Leu Phe Ile Ile
112     20
115 <210> SEQ ID NO: 6
116 <211> LENGTH: 20
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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126 1             5             10             15
129 Cys Gly Ser Leu
130     20
133 <210> SEQ ID NO: 7
134 <211> LENGTH: 20
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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140      peptide
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144 1          5          10          15
147 Leu Gly Val Pro
148      20
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153 <212> TYPE: PRT
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156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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162 1          5          10          15
165 Asn Thr Phe Ser
166      20
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170 <211> LENGTH: 20
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172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
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176      peptide
178 <400> SEQUENCE: 9
179 Val Gly Leu Gly Gly Trp Cys Phe Asp Cys Tyr Trp Val Ala Trp Asp
180 1          5          10          15
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184      20
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188 <211> LENGTH: 20
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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196 <400> SEQUENCE: 10
197 Phe Trp Asp Tyr Cys Gly Pro Leu Ile Cys Leu His Cys Asn Leu Gly
198 1          5          10          15
201 Arg Cys Val Ser
202      20
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206 <211> LENGTH: 5
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
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225 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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230 1 5 10 15
233 Thr Gly Ala Gly
234 20
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238 <211> LENGTH: 20
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
243 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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247 Gly Asp Tyr Gly Cys Cys Trp Val Val Thr Thr Gly Val Gly Val Arg
248 1 5 10 15
251 Cys Tyr Val Trp
252 20
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257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
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262 peptide
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266 1 5 10 15
269 Ile Thr Phe Asp
270 20
273 <210> SEQ ID NO: 15
274 <211> LENGTH: 31
275 <212> TYPE: PRT
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278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
280 peptide
282 <400> SEQUENCE: 15
283 Asp Ser Ala Pro Gly Glu Arg Tyr Phe Val Asp Phe Leu Gly Val Ser
284 1 5 10 15

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294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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300 <400> SEQUENCE: 16
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302 1      5                      10
305 <210> SEQ ID NO: 17
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307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
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312     peptide
314 <400> SEQUENCE: 17
315 Thr Pro Ser Cys Arg Ala Gly Val Leu Arg Cys Thr Gly Cys Phe Gly
316 1      5                      10                      15
319 Val Arg Ser Gly
320      20
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324 <211> LENGTH: 20
325 <212> TYPE: PRT
326 <213> ORGANISM: Artificial Sequence
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334 1      5                      10                      15
337 Tyr Ser Ser Ser
338      20
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342 <211> LENGTH: 20
343 <212> TYPE: PRT
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
348     peptide
350 <400> SEQUENCE: 19
351 His Ser Arg Pro Ala Leu Cys Met Val Ser Leu Arg Trp Ala Arg Ser
352 1      5                      10                      15
355 Leu Trp Ile Val
356      20
359 <210> SEQ ID NO: 20

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/519,539A

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FyI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 18
Seq#:63; Xaa Pos. 19
Seq#:71; Xaa Pos. 18
Seq#:119; Xaa Pos. 18

VERIFICATION SUMMARY

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Input Set : A:\85449158.APP

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L:666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16
L:1202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:16
L:1359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:16
L:2304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:119 after pos.:16